IRB BARCELONA endorses the Requirements and Principles of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers, and Open, Transparent, Merit-based recruitment promoted by the European Commission and follows Equal Opportunities policies.

On 9 December 2014, IRB Barcelona was awarded the “HR Excellence in Research” logo. This recognition reflects the commitment of the Institute to the continuous improvement of its human resources policies in line with the Charter & Code. The Institute works to ensure fair and transparent recruitment and appraisal procedures.

JOB OPENING AT IRB BARCELONA

POSTDOCTORAL FELLOW (ref. PD/20/04)

Created in 2005 by the Generalitat de Catalunya (Government of Catalonia) and the University of Barcelona, IRB Barcelona is a Severo Ochoa Centre of Excellence—a seal that was awarded in 2011.

The institute is devoted to conducting research of excellence in biomedicine and to transferring results to clinical practice, thus improving people’s quality of life, while simultaneously promoting the training of outstanding researchers, technology transfer, and public communication of science. Its 25 laboratories and seven core facilities address basic questions in biology and are orientated to diseases such as cancer, metastasis, Alzheimer’s, diabetes, and rare conditions.

IRB Barcelona is an international centre that hosts 400 members and 30 nationalities. It is located in the Barcelona Science Park. IRB Barcelona forms part of the Barcelona Institute of Science and Technology (BIST) and the “Xarxa de Centres de Recerca de Catalunya” (CERCA).

IRB Barcelona is seeking a Postdoctoral Fellow for the Research Unit on Asymmetric Synthesis directed by Prof. Antoni Riera. The candidate will focus on the study of new catalytic asymmetric reactions.

DUTIES

- Synthesis of substrates and catalysts.
- Purification and structural characterization of the substrates and catalysts.
- Study of the asymmetric synthesis reactions.
- Purification, characterization and determination of the enantiomeric excesses of the products.

EXPERIENCE, KNOWLEDGE, SKILLS & SELECTION CRITERIA

Must Have – Required

- **Experience**: On organic synthesis, chiral ligands and organometallic catalysts.
- **Knowledge**: PhD. in organic chemistry.
- **Skills**: Synthesis, purification and characterization of new compounds. Reactions with gases (H2, CO, ethylene).

Desirable

- **Experience**: Synthesis of phosphorous compounds.
- **Knowledge**: Experience in asymmetric catalysis.
- **Skills**: work with high-pressure reactors.
WORKING CONDITIONS & ENTITLEMENTS

- **Working conditions:** Employed in compliance with Spanish legislation and regulations under a full-time contract. Employees receive the benefits of the Spanish Social Security system covering sickness, maternity/paternity leaves and injuries at work.

- **Training and Career:** Postdoctoral researchers joining IRB Barcelona gain access to the Institute's advanced research training and career development opportunities, all within in a competitive international environment. Courses and workshops on themes of particular interest to postdocs are offered regularly by the Institute.

- **International environment:** Nearly 90 Postdoctoral researchers (more than a half non-Spanish nationals) are currently working at IRB Barcelona.

HOW TO APPLY & SELECTION PROCESS

Applications for the above opening should include a full CV and a motivation letter and should be sent by e-mail to: irbjobs@irbbarcelona.org, indicating the Reference: PD/20/04.

- **Deadline for applications:** 04/03/2020
  If no suitable candidate is found, the deadline will be extended.

- **Number of positions available:** 1

- **Selection process**
  - **Pre-selection:** Will be based on CV, motivation letter, experience, management of research and innovation.
  - **Interviews:** Short-listed candidates will be interviewed.
  - **Job Offer:** Will be sent to the successful candidate after the interview.

For more information, please visit our website at www.irbbarcelona.org

*Note: The strengths and weaknesses of the applications will be provided upon request.*

*If you, as an applicant, have any suggestion or wish to make a complaint regarding the selection process, please contact us at the following email address: irbrecruitment.suggestions@irbbarcelona.org. You will receive a response within a month.*